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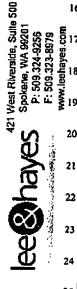
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REMARKS

Applicant respectfully requests reconsideration and allowance of all of the claims of the application. Claims 1-33 are presently pending. Claims withdrawn or canceled herein are 34-46.

Election/Restriction

The claims are subjected to a restriction/election requirement under 35 U.S.C. §121 as containing two patentably distinct groups of the claimed invention:

- Claims 1-33, drawn to chessboarding discrete values, classified in I. class 380, subclass 236; and
- Claims 34-46, drawn to analyzing energy levels of frequency II. magnitude components of a signal, classified in class 382, subclass 191

Applicant hereby elects to prosecute Group I in the event that the restriction/election requirement as set forth above is maintained. Claims 1-33 read on Group I.

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Conclusion

All pending claims are in condition for allowance. Applicant respectfully requests reconsideration and prompt issuance of the application. remain that prevent issuance of this application, the Office is urged to contact the undersigned attorney before issuing a subsequent Action.

Respectfully Submitted,

Dated: 4-1-04

By:

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